

Peaks Mill Water District - Capital Improvement Program 2022-31																								
																				Funding				
#	Priority	Type	WX #	Project Title	Scope/Description	Years	Budget	Admin	Legal	Planning	Engr Design	Engr Const	Engr- Inspection	Engr - Other	Construction	Equipment and Materials	Contingency	Total Budget		Utility	ARPA - County	CWP-KY	IJA	RD
1	A1	Renewal, Reliability, Hydraulics	WX 21073024	Sulfur Lick Booster Pump Station	Renovate Sulfur Lick pump station, including pumps, motors, controls, SCADA telemetry; install 500 feet of 6-inch water main in Cedar Road for emergency supply connection from Georgetown.	2022-23	\$350,000	\$8,000	\$3,000	\$10,000	\$24,500	\$17,500	\$17,500		\$175,000	\$70,000	\$24,500	\$350,000		\$150,000	\$200,000			
2	A2	Water Quality, Water Loss, Operating Equipment	TBD	Distribution System Improvements for Water Quality and Water Loss	Install water circulation in the Shadrick Ferry and Herman Smithers tanks to improve water quality. Install automatic flushing connections on dead end water mains to maintain chlorine residuals. Install on-line chlorine monitoring at PM Office. Install continuous water pressure monitoring as required by KY PSC. Purchase equipment for leak detection, line location, and flow measurement.	2022-23	\$175,000	\$4,000		\$5,000	\$12,000	\$6,000	\$6,000	\$10,000	\$65,000	\$55,000	\$12,000	\$175,000		\$61,916		\$113,084		
3	A3	Regulatory	TBD	Service Line Inventory	Complete service line inventory database required by the Revised Lead and Copper Rule. Complete Inventory of 1250 services by Oct 2024. Scope of work includes vacuum excavation, property/house research, and field inspection.	2023-24	\$50,000	\$4,500		\$3,500	\$3,500				\$20,000	\$15,000	\$3,500	\$50,000						
5	B1	Regulatory, Customer Service	WX 21073027	Stonewall Subdivision Main Replacement	Replaces 5,000 feet of 6-inch and 4-inch water mains. Relocate 50 meter/services to front of house, install hydrants and line valves. Existing 3-inch water. Main is undersized and experiences high water pressure.	2024-26	\$582,950	\$5,000	\$5,000	\$3,000	\$45,000	\$6,750	\$34,700		\$450,000		\$45,000	\$594,450						
4	B2	Water Quality	WX 21073022	Chemical Feed Building	Construction of a chemical feed building for booster chloramination. Booster chloramination may be required to maintain chloramination residuals above 0.5 ppm during warm water periods.	2023-24	\$146,000	\$5,000	\$5,000	\$3,000	\$10,000		\$13,000		\$100,000		\$10,000	\$146,000						
6	B3	Renewal, Reliability	WX 21073026	US 127 8-inch Main Extension	Construct or replace 8-inch water main in Owenton Rd/US 127 from Quarles Road/Wright Rd/Perkins Lane to Strohmeier Bypass to replace existing 3" water main and provide backbone water supply for pressure zone 2. (Replaces vulnerable vertical 3-inch cast iron pipe near Strohmeier Bypass)	2024-26	\$582,950	\$5,000	\$5,000	\$3,000	\$45,000	\$6,750	\$34,700		\$450,000		\$45,000	\$594,450						
7	B4	Customer Service	TBD	AMR Replacement	Existing AMR system installed in 2009 and reaching end of useful life in 2024. Replace existing 1250 AMR meters with new AMR/AMI system. Scope includes meters, encoders, transponders, radios, communication software, field computers. Phase project over 2-3 years.	2024-26	\$650,000	\$10,000	\$5,000	\$10,000	\$25,000	\$25,000	\$25,000			\$500,000	\$50,000	\$650,000						
8	C1	Operations	TBD	Storage Building	Build storage facility for materials and equipment. Approximately 1,200 square feet @\$35/sf plus utilities.	2027-31	\$64,300	\$2,300			\$5,000				\$42,000	\$15,000		\$64,300						
9	C2	Maintenance	TBD	Shadrick Ferry Tank Painting	Storage tank installed in 2005, plan to repaint exterior in 2027-31	2027-31	\$175,000	\$3,000		\$5,000	\$15,000	\$10,000	\$10,000		\$120,000		\$12,000	\$175,000						
10	C3	Maintenance	TBD	Herman Smithers Tank Painting	Storage tank installed in 1986, plan to repaint exterior in 2027-31	2027-31	\$175,000	\$3,000		\$5,000	\$15,000	\$10,000	\$10,000		\$120,000		\$12,000	\$175,000						
11	C4	Maintenance	TBD	Union Ridge Tank Painting	Storage tank installed in 2005, plan to repaint exterior 2027-31	2027-31	\$175,000	\$3,000		\$5,000	\$15,000	\$10,000	\$10,000		\$120,000		\$12,000	\$175,000						
Total 10 Year CIP: 2022-2031																		\$3,149,200						